

In the Claims:

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1. (Currently Amended) A patient data information system, comprising:
- a display unit;
- a first application configured to display patient images for a patient on the display unit and generate a patient context for the patient;
- a second application; and
- a workstation coupled to the display unit and configured to operate both the first application and the second application that reside on the workstation, the first application configured to provide the patient context to the second application and the second application configured to display patient data on the display unit based on the patient context.
2. (Original) The patient data information system of claim 1, wherein the first application is configured to retrieve patient image data from a picture archival and communication system (PACS).
3. (Original) The patient data information system of claim 2, wherein the second application is configured to retrieve patient textual data from a radiology information system (RIS), wherein the patient data includes the patient textual data.
4. (Original) The patient data information system of claim 1, wherein the display unit includes a monitor having a resolution of at least 90 dpi.
5. (Original) The patient data information system of claim 1, wherein the second application is selected from the group consisting of a case signout application, a report entry application, an order detailing application, and an order viewer application.
6. (Original) The patient data information system of claim 1, further comprising a second workstation coupled to the workstation, the second workstation configured to operate the second application.

1 7. (Original) The patient data information system of claim 1, wherein the second
2 application is coupled to the first application via an object request broker.

C (1 8. (Original) The patient data information system of claim 7, further comprising
2 a bridge coupled between the second application and the object request broker, wherein the
3 second application communicates via the component object model (COM).

1 9. (Original) The patient data information system of claim 1, further comprising
2 an input unit, the first application generating the patient context in response to user input at
3 the input unit.

1 10. (Original) The patient data information system of claim 9, wherein the input
2 unit is selected from the group consisting of a mouse, a voice recognition system, a keystroke,
3 a switch, and a light pen.

1 11. (Original) The patient data information system of claim 1, wherein the patient
2 context includes patient identification data.

1 12. (Original) The patient data information system of claim 11, wherein the
2 patient context includes user identification data.

1 13. (Original) The patient data information system of claim 1, wherein the patient
2 data includes patient examination information.

1 14. (Currently Amended) A method of integrating patient data from first and
2 second applications ~~operating~~ residing on a single workstation, comprising:

3 displaying a first set of patient data using the first application on the
4 workstation;

5 generating a patient context for a patient;

6 providing the patient context from the first application to the second
7 application on the workstation;

8 receiving a second set of patient data based on the patient context; and

9 displaying the second set of patient data using the second application on the
10 workstation.

1 15. (Original) The method of claim 14, further comprising retrieving the first set
2 of patient data from an image database.

1 16. (Original) The method of claim 15, further comprising retrieving the second
2 set of patient data from a radiology information system.

1 17. (Original) The method of claim 14, wherein the patient context includes
2 patient identification data.

1 18. (Original) The method of claim 14, wherein the step of providing includes
2 generating an event based on the patient context and providing the event to the second
3 application.

1 19. (Original) The method of claim 18, further comprising converting the event
2 from a first object model to a second object model and providing the converted event to the
3 second application.

1 20. (Original) The method of claim 14, wherein the second application is selected
2 from the group consisting of a case signout application, a report entry application, an order
3 detailing application, and an order viewing application.

1 21. (Original) The method of claim 14, further comprising receiving an operator
2 input from an input unit and generating the patient context for the patient in response to the
3 operator input.

1 22. (Original) The method of claim 14, wherein the second set of patient data
2 includes patient examination information.

1 23. (Currently Amended) An apparatus for integrating patient data from first and
2 second applications ~~operating~~ residing on a single workstation, comprising:

3 a means for displaying a first set of patient data using the first application on
4 the workstation;

5 a means for generating a patient context for a patient;

6 a means for providing the patient context from the first application to the
7 second application on the workstation;

8 a means for receiving a second set of patient data based on the patient context;

9 and

10 a means for displaying the second set of patient data using the second
11 application on the workstation.

1 24. (Previously Amended) The apparatus of claim 23, further comprising a means
2 for retrieving the first set of patient data from an image database.

1 25. (Previously Amended) The apparatus of claim 24, further comprising a means
2 for retrieving the second set of patient data from a radiology information system.

1 26. (Previously Amended) The apparatus of claim 23, wherein the patient context
2 includes the means for identifying a patient.

1 27. (Previously Amended) The apparatus of claim 23, wherein the means for
2 providing includes a means for generating an event based on the patient context and
3 providing the event to the second application.

1 28. (Previously Amended) The apparatus of claim 27, further comprising a means
2 for converting the event from first object model to a second object model and a means for
3 providing the converted event to the second application.

1 29. (Previously Amended) The apparatus of claim 23, wherein the second
2 application is selected from the group consisting of a case signout application, a report entry
3 application, an order detailing operation, and an order viewer application.

1 30. (Previously Amended) The apparatus of claim 23, further comprising a means
2 for receiving an operator input and generating a patient context for the patient in response to
3 the operator input.

1 31. (Previously Amended) The apparatus of claim 23, wherein the second set of
2 patient data includes a means for providing patient examination information.

1 32. (New) A patient data information workstation, comprising:

2 a display;

3 a first application configured to retrieve and display patient images for a
4 patient on the display and configured to generate patient context data associated with the
5 patient; and

6 a second application in data communication with the first application, the
7 second application configured to receive the patient context data from the first application and
8 to retrieve and display patient textual data for the patient on the display based on the patient
9 context data.

1 33. (New) A patient data information workstation according to claim 32, wherein
2 the first application is configured to retrieve patient image data for a picture archival and
3 communication system (PACS).

1 34. (New) A patient data information workstation according to claim 33, wherein
2 the second application is configured to retrieve patient textual data from a radiology
3 information system (RIS).

1 35. (New) A patient data information workstation according to claim 32, further
2 including a third application in data communication with the first application, the third
3 application configured to receive the patient context data from the first application and to
4 retrieve and display patient data for the patient based on the patient context data.